

ISSUE AND PUBLICATION FEE TRANSMITTAL

Express Mail No. **ER 841 990 522 US**

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Customer Number 048591
MORGAN, LEWIS & BOCKIUS LLP
 1111 Pennsylvania Avenue, N.W.
 Washington, D.C. 20004



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(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTY'S DOCKET NO.	CONFIRMATION NO.
10/616,858	07/09/2003	Yuan Li	060889-0086	1808

TITLE OF INVENTION: DENSITY NODULE DETECTION IN 3-D DIGITAL IMAGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	no	\$1400	\$0	\$1400	03/28/2005

EXAMINER	ART UNIT	CLASS-SUB CLASS
Nathan W. Ha	2814	257-706000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed

1. **Morgan, Lewis & Bockius LLP**

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE:

Altera Corporation .

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Jose, CA

Please check the appropriate assignee category or categories (will not be printed on the patent)

☐ Individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are authorized:

☒ Issue Fee

☐ Publication Fee

☐ Advanced Order - # of Copies

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☐ A check in the amount of the fee(s) enclosed

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☒ The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0310 (enclose an extra copy of this form).

COMMISSIONER FOR PATENTS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Francis E. Morris

Attorney Francis E. Morris Reg No. 24,615

(Date)

March 25, 2005

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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03/29/2005 AWONDAF2 00000002 10616858

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EXPRESS MAIL NO. ER 841 990 522 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Li, Yuan

Confirmation No.: 1808

Serial No.: 10/616,858

Art Unit: 2814

Filed: July 9, 2003

Examiner: Ha, Nathan W.

For: *LOW WARPAGE FLIP CHIP*
PACKAGE SOLUTION-CHANNEL
HEAT SPREADER

Attorney Docket No: 060889-0086

ISSUE FEE TRANSMITTAL COVER LETTER

BOX ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22323-1450

Sir:

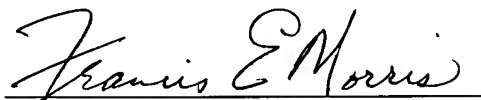
Enclosed please find Form PTOL-85B and a copy thereof authorizing payment of the issue fee for the above-identified application. Please charge the issue fee and publication fee, estimated to be \$1400.00, and any additional fees that may be required, to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310.

A copy of this letter is enclosed.

Respectfully submitted,

Date: March 25, 2005

By:


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